

**CENTRE OF STUDIES FOR BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA**

**ASSESSING CONSTRUCTION PLAYERS AWARENESS
WITH THE MACHINERY UTILIZATION IN MALAYSIAN
CONSTRUCTION SITES**

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**“I hereby declare that this academic project is the result of my own research
except for the quotation and summary which have been acknowledged”**

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ABSTRACT

Safety for the workers is one of the major problems in the construction industry. This is because accidents happen without knowing time or places. Accidents not only give negative effects to the workers but family members, friends, relatives or even the government. Every year, the number of accident in construction industry increased and it really, become a major problem to the countries. With safety program that had been held by the government, it managed to decrease the number of accident occurred in the construction industry. In response to the importance of safety for workers, the objective of this research is to identify the current statutory requirement related to machineries for construction sites, to investigate the causes of the accident occur due to machineries on construction sites, and to examine the actors' of awareness with an accident at the construction site of high rise building. The data collected can be categorized as primary data and secondary data. This method shall be used to analyze the data obtained and therefore a conclusion and recommendation will be drawn to summarize the findings. The respondent for this dissertation is contractor on the large scales of construction project. As the finding, based on 32 response that they have been sent out in Klang Valley. Accidents really give negative effect to the workers. Also throughout this research, safety measures can be taken at early stage because prevention is better than cure. This research is very important to the workers because its asset for construction industry because without them the construction will be at the least competitive stage.

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Assalammualaikum warahmatullahi taalahi wabarakatuh

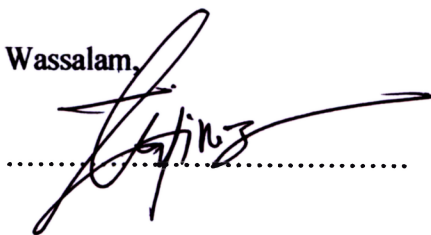
Alhamdulillah, the most thankful to Almighty ALLAH s.w.t for giving me the strength, patience and persistence to successfully complete this dissertation as partial fulfilment of the requirement for awarding the Bachelor of Building Surveyor (Honours).

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Wassalam,

A handwritten signature in black ink, appearing to read 'Noraima', is written over a horizontal dotted line.

Noraima Shafinaz Binti Abidin

CHAPTER 1

INTRODUCTION

1.1 STUDY BACKGROUND

Nowadays, there are many constructions which involving the construction of high-rise buildings more than 5 floors above especially in urban areas. The construction of high-rise buildings requires the use of complex machinery. Concurrently, the use of construction is important because they enable the construction work to proceed smoothly. The number of industrial accidents was reported to the Social Security Organization of Malaysia has declined by 23% from 2003 until 2007. SOCSO had received 73,858 reports on industrialized in 2003 until 2007 the number had reduced to 56,339 cases in Malaysia (SOCSO 2007).

However the number of construction accidents in the same period on the other hand has decreased by 20% from 4,654 cases in 2003 to 3,703 cases in 2007. The the rate of fatal accidents in construction accidents is among the highest, which bear 6.24 percent overall fatality industrial incidents (SOCSO, 2007). As compared the rate in the developed nation such as Sweden, European, South Korea, and Japan countries, there is a big task ahead to get an exact figure. The Malaysian government aims to reduce the ratio of occupational accidents in three of every 1,000 workers before becoming a developed country (Abdullah, 2001). In addition, the construction industry is always on the top of accidents by category of death. 3 deaths from the construction industry for years 2010 showing how danger the construction site was.